

Docket No. AUS920030602US1

CLAIMS:

What is claimed is:

1. A method in a data processing system for processing multimedia program data, the method comprising:
 - identifying text in the subtitles in the multimedia program data to generate a set of text;
 - analyzing the set of text to form an analysis;
 - identifying a portion of the multimedia program data that should be altered based on the analysis to form an identified portion; and
 - altering the identified portion
2. The method of claim 1, wherein the identifying step comprises:
 - performing optical character recognition on subtitles in the multimedia program data to generate the set of text
3. The method of claim 1, wherein the portion of the multimedia program data includes a video component and an audio component and wherein the identified portion is altered by blanking at least one of the video portion and the audio portion.
4. The method of claim 1, wherein the analyzing step includes:
 - performing baysean filtering on the set of text.

Docket No. AUS920030602US1

5. The method of claim 1 further comprising:
 decoding the multimedia program data prior to
 initiating the performing step; and
 re-encoding the multimedia program data after
 altering the identified portion.
6. The method of claim 1, wherein the portion of the
multimedia program data is a frame or a group of frames.
7. The method of claim 1, wherein the multimedia
program is a movie.
8. A method in a data processing system for processing
a multimedia program, the method comprising:
 decoding the multimedia program to form decoded
multimedia program data;
 analyzing a portion of the multimedia program data;
 determining whether readability of a subtitle in the
portion of the multimedia program data needs improvement;
 and
 responsive to the readability of the subtitle in the
portion of the multimedia program data needing
improvement, performing color correction on a part of the
multimedia program data containing the subtitle to
improve readability of the subtitle.
9. A data processing system for processing multimedia
program data, the data processing system comprising:
 identifying means identifying text in the subtitles
in the multimedia program data to generate a set of text;

Docket No. AUS920030602US1

analyzing means for analyzing the set of text to form an analysis;

identifying means for identifying a portion of the multimedia program data that should be altered based on the analysis to form an identified portion; and

altering means for altering the identified portion.

10. The data processing system of claim 9, wherein the portion of the multimedia program data includes a video component and an audio component and wherein the identified portion is altered by blanking at least one of the video portion and the audio portion.

11. The data processing system of claim 9, wherein the analyzing step includes:

performing means for performing baysean filtering on the set of text.

12. The data processing system of claim 9 further comprising:

decoding means for decoding the multimedia program data prior to initiating the performing step; and

re-encoding means for re-encoding the multimedia program data after altering the identified portion.

13. The data processing system of claim 9, wherein the portion of the multimedia program data is a frame or a group of frames.

Docket No. AUS920030602US1

14. A data processing system for processing a multimedia program, the data processing system comprising:

decoding means for decoding the multimedia program to form decoded multimedia program data;

analyzing means for analyzing a portion of the multimedia program data;

determining means for determining whether readability of a subtitle in the portion of the multimedia program data needs improvement; and

performing means, responsive to the readability of the subtitle in the portion of the multimedia program data needing improvement, for performing color correction on a part of the multimedia program data containing the subtitle to improve readability of the subtitle.

15. A computer program product in a computer readable medium for processing multimedia program data, the computer program product comprising:

first instructions for identifying text in the subtitles in the multimedia program data to generate a set of text;

second instructions for analyzing the set of text to form an analysis;

third instructions for identifying a portion of the multimedia program data that should be altered based on the analysis to form an identified portion; and

fourth instructions for altering the identified portion.

Docket No. AUS920030602US1

16. The computer program product of claim 15, wherein the portion of the multimedia program data includes a video component and an audio component and wherein the identified portion is altered by blanking at least one of the video portion and the audio portion.

17. The computer program product of claim 15, wherein the second instructions includes:

sub instructions for performing baysean filtering on the set of text.

18. The computer program product of claim 15 further comprising:

fifth instructions for decoding the multimedia program data prior to initiating the performing step; and

sixth instructions for re-encoding the multimedia program data after altering the identified portion.

19. The computer program product of claim 15, wherein the portion of the multimedia program data is a frame or a group of frames.

20. A computer program product in a computer readable medium for processing a multimedia program, the computer program product comprising:

first instructions multimedia for decoding the multimedia program to form decoded program data;

second instructions for analyzing a portion of the multimedia program data;

Docket No. AUS920030602US1

third instructions for determining whether readability of a subtitle in the portion of the multimedia program data needs improvement; and

fourth instructions responsive to the readability of the subtitle in the portion of the multimedia program data needing improvement, for performing color correction on the part of the multimedia program data containing the subtitle to improve readability of the subtitle.

21. A data processing system comprising:

a bus system;

a communications unit connected to the bus system;

a memory connected to the bus system, wherein the memory includes a set of instructions; and

a processing unit connected to the bus system, wherein the processing unit executes the set of instructions to identifying text in the subtitles in the multimedia program data to generate a set of text; analyze the set of text to form an analysis; identify a portion of the multimedia program data that should be altered based on the analysis to form an identified portion; and alter the identified portion.

22. A data processing system comprising:

a bus system;

a communications unit connected to the bus system;

a memory connected to the bus system, wherein the memory includes a set of instructions; and

a processing unit connected to the bus system, wherein the processing unit executes the set of

Docket No. AUS920030602US1

instructions to decode the multimedia program to form decoded multimedia program data; analyze a portion of the multimedia program data; determine whether readability of a subtitle in the portion of the multimedia program data needs improvement; and perform color correction on the part of the multimedia program data containing the subtitle to improve readability of the subtitle in response to the readability of the subtitle in the portion of the multimedia program data needing improvement.